



EAST ALTON, ILLINOIS 62024

November 5, 1984

EPA Region 5 Records Ctr.



382816

CERTIFIED MAIL

Mr. Ken Liss
Compliance Monitoring Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

Re: LPC 1190200002
ILD 006271696

Dear Mr. Liss:

On October 26, 1984, Olin submitted to the Agency its first set of results of analyses for five groundwater monitoring wells that surround the Emergency Holding Lagoon located in Zone 6 of Olin's Main Plant Facility.

As you are aware, the concentrations reported for Gross Alpha seemed to be higher than one might normally expect to find in groundwater. Discussions with Mr. Ron Ferris (owner of Environmental Analysis, the laboratory Olin hired to sample the wells and perform the required analyses) have revealed that the groundwater samples taken for radioactive analyses were not filtered to remove solids. The presence of sand and clay (solids) in the groundwater samples may be the reason why the Gross Alpha concentrations were higher than expected.

Wayne Galler of Olin contacted Mr. Perry Mann of the IEPA's Collinsville Office on November 1, 1984 to discuss this subject. Mr. Mann indicated that all background groundwater samples collected for radioactive analyses should be filtered (to remove solids) before they are analyzed. Mr. Mann stated that Environmental Analysis should be instructed to filter the next three quarterly samples collected for radioactive analyses. If the Gross Alpha concentrations from the next three quarterly samples result in significantly lower values than the first quarter results, then the IEPA will probably instruct Olin to disregard the first quarter results for Gross Alpha when performing the annual statistical analyses.

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O L I N C O R P O R A T I O N

Please contact Olin if you do not agree with our understanding of Mr. Mann's instructions presented in this letter.

Very truly yours,



L. W. Maxson, Director
Energy & Environmental Services

WJG/jso

cc: Mr. K. G. Mensing,
Southern Regional Manager
Field Operations Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
117 W. Main Street
Collinsville, IL 62234

cc: Mr. Ron Ferris
Environmental Analysis
3278 N. Lindbergh
Florissant, MO 63033

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